

20001201.qrp v02\_n023.qrl.20001201

Date: Fri, 1 Dec 2000 19:03:05 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2023

### QRP-L Digest 2023

Topics covered in this issue include:

- 1) [85218] Re: Portable Antenna Pole !  
by "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
- 2) [85219] Fox: Hunt #11 on 11/28/00 KI0II Final Log  
by "Zoerb, Ron" <Zoerb.Ron@broadband.att.com>
- 3) [85220] W3FF/walking portable  
by Michael Goins <mgoins@usa.net>
- 4) [85221] Re: From the FT-817 list... Re: [FT817] QRP e-vangelism (fwd)  
by K5BDZ@aol.com
- 5) [85222] Re: From the FT-817 list... Re: [FT817] QRP e-vangelism (fwd)  
by "James Parsons" <res075cz@gte.net>
- 6) [85223] FOX Cub scoring site updated  
by John Wagner <john@neknetwork.com>
- 7) [85224] Fox- Nice Job Don!  
by BenNW7DX@aol.com
- 8) [85225] FOX NK6A  
by "Karl F. Larsen" <k5di@zianet.com>
- 9) [85226] Re: FOX NK6A  
by "N7SG" <cqdx@teleport.com>
- 10) [85227] FOX- running split -- listening to Don, NK6A -- lessons unlearned?  
by Kevin L Anderson <k9iua@juno.com>
- 11) [85228] FOX: A Sebior Moment K7RE  
by Brian Kassel <bkassel@dancris.com>
- 12) [85229] FOX- NK6A doing well!  
by Kevin L Anderson <k9iua@juno.com>
- 13) [85230] Re: Change the rules?& SS  
by SKIPNC90@aol.com
- 14) [85231] Re: Portable Antenna Pole !  
by Phil Wheeler <w7ox@earthlink.net>
- 15) [85232] Help: 4N33 specs??  
by John Farler <jfarler@mis.net>
- 16) [85233] QRP Related Web Page Update  
by Steve Yates <aa5tb@yahoo.com>
- 17) [85234] Fox Hunt  
by "Aartec" <aartec@dwx.com>
- 18) [85235] Re: REVOCATION OF INDEPENDENCE  
by Dave Fifield <fifield@pacbell.net>
- 19) [85236] Re: Help: 4N33 specs??

- by Thomas Kuehl <ac7a@gci-net.com>
- 20) [85237] Toot... Toot... Toot... NN1G and NJ QRP Club  
by "J. Marcus Ziegler" <ziegler@accesscom.com>
- 21) [85238] FOX - LESS THAN MIN REQ PWR  
by hamjoel@juno.com
- 22) [85239] Re: Toot... Toot... Toot... NN1G and NJ QRP Club  
by Phil Wheeler <w7ox@earthlink.net>
- 23) [85240] Re: [85199] Re: [85113] Re: severe QRM on 7.040 and 7.042  
by Doug Faunt N6TQS +1-510-655-8604 <faunt@panix.com>
- 24) [85241] Intruders on 3.580??  
by "Alan Kaul" <alan.kaul@worldnet.att.net>
- 25) [85242] VE7SL bags Indiana  
by Brian <brian@iquest.net>
- 26) [85243] Manhattan style contest Jim Vs Chuck  
by "Donny Sirait" <dsirait@centrin.net.id>
- 27) [85244] PSK-31 Ground loops  
by "Karl F. Larsen" <k5di@zianet.com>
- 28) [85245] Re: Measuring Power  
by "Don Wilhelm" <w3fpr@arrl.net>
- 29) [85246] Anyone worked TS5N?  
by Jim Hale <kj5tf@yahoo.com>
- 30) [85247] RE: Anyone worked TS5N?  
by John AE5X <ae5x@juno.com>
- 31) [85248] Re: Intruders on 3.580??  
by Phil Wheeler <w7ox@earthlink.net>
- 32) [85249] Kanga Dummy Load Enclosure  
by wd9eyb@butler.qrp.com
- 33) [85250] Callsign Series TSA-TSZ  
by Charles K Brown <n4so@juno.com>
- 34) [85251] Re: Manhattan style contest Jim Vs Chuck  
by "Trevor Jacobs" <fxtech@earthlink.net>
- 35) [85252] Re: VE7SL bags Indiana  
by "Steve McDonald" <jsm@gulfislands.com>
- 36) [85253] RE: 1EL10M Beam  
by Curt Milton <wb8yyy@yahoo.com>
- 37) [85254] Re: VE7SL bags Indiana  
by "Brian" <brian@iquest.net>
- 38) [85255] Cub Fox Hunt #12 Final Log  
by "Glenn Maclean" <glennmaclean@ix.netcom.com>
- 39) [85256] Re: 80m delta loop  
by Chuck Ludinsky <cjl@mitre.org>
- 40) [85257] Re: Anyone worked TS5N?  
by Bob Patten <n4bp@bc.seflin.org>
- 41) [85258] RE: New CB Enforcement  
by Chuck Ludinsky <cjl@mitre.org>
- 42) [85259] Re: New CB Enforcement  
by Phil Wheeler <w7ox@earthlink.net>
- 43) [85260] Measuring Power

- by "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>
- 44) [85261] Antenna: Hamsticks for beam elements?  
by ed.kwik@delphiauto.com
- 45) [85262] Re: Manhattan style contest Jim Vs Chuck  
by "Chuck Adams, K7Q0" <k7qo@primenet.com>
- 46) [85263] NorCal's December Meeting Sunday  
by Jerry Parker <jparker@fix.net>
- 47) [85264] Unsubscribing  
by dave.g0dja@psilink.co.uk (David J. Ackrill)
- 48) [85265] Results: Measuring Power  
by "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>
- 49) [85266] Re: Intruders on 3.580??  
by Ray Colbert <w5xe@juno.com>
- 50) [85267] Re: Antenna: Hamsticks for beam elements?  
by "Bob Tellefsen" <n6wg@earthlink.net>
- 51) [85268] CQ Delaware and Wyoming...  
by "Steve McDonald" <jsm@gulfislands.com>
- 52) [85269] RE: Results - Measuring Power  
by "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>
- 53) [85270] Re: Unsubscribing  
by John Wagner <john@neknetwork.com>
- 54) [85271] TS7N TS5N  
by "Thom Durfee" <wi8w@arrl.net>
- 55) [85272] FT-817 Arrives  
by "Scott E. Olitsky" <solitsky@acsu.buffalo.edu>
- 56) [85273] QRP in 160 Meter Contest  
by NA1XX@aol.com
- 57) [85274] Re: Anyone worked TS5N?  
by BenNW7DX@aol.com

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Date: Thu, 30 Nov 2000 19:59:04 -5  
From: "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>  
To: qrp-l@Lehigh.EDU  
Subject: [85218] Re: Portable Antenna Pole !  
Message-ID: <20001201010049.FZFC17583.invictus@n8et>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

A quick note to the list about the Portable Antenna Pole that Rick noticed this past week.

I noticed it about two weeks ago in the new MFJ catalog that came as part of Ham Radio Trader. It looked exactly like the DK9SQ mast that I supply in the US. I immediately emailed my US contact and asked if DK9SQ was now selling direct to MFJ.

His response was that they are not, and they were not aware that MFJ had started marketing a pole. The pole advertized in the MFJ catalog is one MFJ produces.

I had an opportunity to see one first hand in the MFJ booth at the Ft. Wayne Hamfest a week ago. From a distance it looks identical to the DK9SQ mast. Up close there are some obvious differences. I can't say if they are "good" or "bad" because I was not able to look at one closely. They had only one that was displayed vertically behind their table, and it appeared to be made of a much shinier material than the DK9SQ mast. They told me their pole would be available in mid December. I will be ordering one so I can compare it to the ones I sell and will be able to answer questions about the comparison at that time.

non-standard disclaimer - I DO have an interest in the DK9SQ mast - I sell them in the US...

Bill

73 - Bill - N8ET

Kanga US

kanga@mail.bright.net

<http://www.bright.net/~kanga/>

419-423-4604

-----  
Date: Thu, 30 Nov 2000 18:10:21 -0700  
From: "Zoerb, Ron" <Zoerb.Ron@broadband.att.com>  
To: "'QRP-1 Messages'" <qrp-1@lehigh.EDU>  
Subject: [85219] Fox: Hunt #11 on 11/28/00 KI0II Final Log  
Message-ID: <5899595F9867D311BC0A00805F57884D01FB5ED8@copland.tci.com>  
MIME-Version: 1.0  
Content-Type: text/plain

To all:

Here is the final log for the 11/28/00 Fox Hunt.

Thank you every one for you words of encouragement and patience. I can truthfully say a "Fox Hunt" will now have a new meaning for me and hearing a pile up will never again sound like "just a bunch of noise" There will always be a twinge just knowing that there is some poor soul over there on the other side of that racket trying to survive and likely having a great time.

After the dust has settled, my heart beat is somewhat normal and log corrections completed here is the final tally in the format needed for the

number crunching.

72 Ron ki0ii

2000 QRP-L Fox #11 11/28/00 Log per KI0II

00:00	KI0II		CO	FOX	5W
02:01	N0DSP	599	CO	TOM	5W
02:03	W0PWE	559	IA	JER	5W
02:04	K0MP	559	CO	BILL	5W
02:05	K7RE	559	AZ	BRIAN	5W
02:06	N1FN	599	CO	ET	5W
02:10	KK5LD	599	TX	DAN	5W
02:12	W0CH	559	MO	DAVE	5W
02:14	VE6JAZ	559	AB	ROB	5W
02:18	W5YR	559	TX	GEORGE	5W
02:19	KR5C	559	TX	GEORGE	5W
02:21	N1TP	559	FL	TOM	5W
02:22	N5ET	559	TX	BOB	5W
02:24	NK7M	579	AZ	BOB	5W
02:25	W0JOE	599	MO	JOE	5W
02:27	N9AW	559	WI	JERRY	5W
02:29	K8CV	559	MI	WALT	5W
02:30	NQ7X	559	AZ	FLOYD	5W
02:32	W9XU	599	WI	LON	5W
02:34	W5SB	559	TX	BILL	5W
02:35	NW7DX	559	WA	BEN	5W
02:36	N6WG	559	CA	BOB	5W
02:39	KB7X	559	OR	BRYON	5W
02:41	AA0ZZ	559	MN	CRAIG	5W
02:42	K0EVZ	559	ND	DOC	5W
02:44	K5DW	599	TX	DON	5W
02:46	W7ILW	559	AZ	HOWARD	4W
02:47	N0AR	559	MN	SCOTT	4W
02:49	K10J	559	TX	OJ	5W
02:50	N0UR	589	MN	JIM	5W
02:52	K5AAR	559	OK	DON	5W
02:55	NK9G	559	WI	RICK	5W
02:57	WA0SXV	569	MO	MIKE	5W
03:02	AC5JH	559	OK	TOM	5W
03:04	K6VNX	579	CA	ALLEN	5W
03:05	NK6A	599	CA	DON	5W
03:07	N4ROA	559	VA	DAN	4W
03:10	K7FD	559	OR	JOHN	5W
03:11	AA5UN	559	TX	MARTY	5W
03:13	W0RSP	559	SD	ADE	5W
03:15	VA6RF	559	AB	EARL	4W
03:16	N1LN	559	TX	BRUCE	5W

03:20	N2WW	559	CO	LARRY	5W
03:22	K7QO	559	AZ	CHUCK	2W
03:24	W5HNS	559	TX	HENRY	5W
03:26	KQ5U	569	TX	TERRY	5W
03:27	K5DI	539	NM	CARL	5W
03:32	K5ZTY	559	TX	BILL	5W
03:33	W0RW	579	CO	PAUL	5W
03:36	N0EHW	599	MO	TIM	5W
03:37	AE9K	559	WI	BRIAN	5W
03:40	KF4VTM	559	VA	DAN	4W
03:41	KA1DDB	559	MI	MIKE	5W
03:44	VE5RC	559	SK	BRUCE	5W
03:46	WE6W	569	CA	ED	5W
03:47	AF4PS	559	FL	MAC	4W
03:49	K0PC	599	MN	PAT	5W
03:50	N8IE	559	OH	DAN	5W
03:51	N5TW	559	TX	TOM	5W
03:52	K5OI	559	NM	TIM	5W
03:53	K5LN	559	TX	BILL	5W
03:55	K4FB	559	FL	PAUL	5W
03:56	N0IT	579	MO	DAVE	5W
03:57	NM5M	559	TX	ERIC	5W
03:58	K8DD	579	MI	HANK	5W
03:59	K5VUU	589	TX	ED	5W

-----

Date: 30 Nov 00 20:10:45 EST  
 From: Michael Goins <mgoins@usa.net>  
 To: qrp-l@LeHigh.EDU  
 Subject: [85220] W3FF/walking portable  
 Message-ID: <20001201011046.24949.qmail@awcst094.netaddress.usa.net>  
 Mime-Version: 1.0  
 Content-Type: text/plain; charset=US-ASCII  
 Content-Transfer-Encoding: quoted-printable

Worked Bud, W3FF/6 about an hour ago on 10 ssb, with him walking portable=  
 =2E His  
 website shows the strange antenna and setup he uses, but we worked solid,=  
 him  
 at 10 watts walking in California and me at 10 watts mobile in Texas. His=  
 site  
 is [www.qsl.net/w3ff.com](http://www.qsl.net/w3ff.com) if you want to see the antenna.

Also worked 7X4AN on cw and then a little later on ssb. First 7X for me e=

ver,  
and worked him both modes on 10 meters from the van with a 1/4 wave whip.=  
Love  
10 meters.

mike  
wb5yjx

---

Get free email and a permanent address at <http://www.amexmail.com/?A=3D1>

---

Date: Thu, 30 Nov 2000 20:21:08 EST  
From: K5BDZ@aol.com  
To: prvalko@oakland.edu, qrp-1@lehigh.edu  
Subject: [85221] Re: From the FT-817 list... Re: [FT817] QRP e-vangelism (fwd)  
Message-ID: <a4.cba01b9.27585704@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Buying a QRP rig and then buying a 100 watt amp to operate is a little like  
looking for a mate with a good looking sister...in case the you get bored  
with the mate....

What's the point? Marry the sister and by a 100 watt rig.

.....or am I missing the point?

K5BDZ

---

Date: Thu, 30 Nov 2000 19:27:09 -0600  
From: "James Parsons" <res075cz@gte.net>  
To: <K5BDZ@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [85222] Re: From the FT-817 list... Re: [FT817] QRP e-vangelism (fwd)  
Message-ID: <01ff01c05b35\$d386e040\$7c640304@dsl.vz.genuity.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Maybe you think that QRP rig is the best overall rig on the market....but  
you just don't like QRP!

----- Original Message -----  
From: <K5BDZ@aol.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Thursday, November 30, 2000 19:21 PM  
Subject: Re: From the FT-817 list... Re: [FT817] QRP e-vangelism (fwd)

> Buying a QRP rig and then buying a 100 watt amp to operate is a little  
like  
> looking for a mate with a good looking sister...in case the you get bored  
> with the mate....  
> What's the point? Marry the sister and by a 100 watt rig.  
>  
> .....or am I missing the point?  
>  
> K5BDZ  
>

-----  
Date: Thu, 30 Nov 2000 20:44:03 -0500  
From: John Wagner <john@neknetwork.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [85223] FOX Cub scoring site updated  
Message-ID: <3A270263.17B85B63@neknetwork.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

<http://www.neknetwork.com/foxcub2000/>

Is now up to date. Apologies for lagging behind, I've been incredibly busy.

322 Cub Pelts so far! And... AF4PS leading the pack of hounds with 9 out of 10 successful hunts with K4FB, K5DI, KC1FB, KI0II, N2CQ and N4ROA nipping at his tail with 8 out of 10 - Great job all!

73,

John, KB1ENS

--  
John Wagner - [john@neknetwork.com](mailto:john@neknetwork.com)  
Web page: <http://www.neknetwork.com>  
Personal Web page: <http://www.together.net/~jwag>

-----



Date: Thu, 30 Nov 2000 21:37:17 EST  
From: BenNW7DX@aol.com  
To: qrp-1@lehigh.edu  
Subject: [85224] Fox- Nice Job Don!  
Message-ID: <62.98860a3.275868dd@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Hello -

Don has got a ferocious pileup that he's slowly taming :-). His frequency is clear and he's pretty loud up here in WA. For those of you that haven't worked him yet, listen to the pattern that he is using in the pileup. Find an open frequency and give him a call... you might be pleasantly surprised!

72,  
Ben - NW7DX  
near Seattle, WA

-----  
Date: Thu, 30 Nov 2000 19:43:16 -0700 (MST)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: qrp-1@lehigh.edu  
Subject: [85225] FOX NK6A  
Message-ID: <Pine.LNX.4.10.10011301941400.1768-1000000@cannac.ampr.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Don is near 7041 KHz and calling cq now at 0240Z. He has a great signal in Southern NM. I got him early.

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

-----  
Date: Thu, 30 Nov 2000 18:53:29 -0800  
From: "N7SG" <cqdx@teleport.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [85226] Re: FOX NK6A  
Message-ID: <007a01c05b41\$e2d9cba0\$e5231ad8@N7SG>  
MIME-Version: 1.0  
Content-Type: text/plain;

charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Don't ask me how, but my split was up '102' KHz instead of '2' KHz...after asking myself 'hey where is everybody? for 10 minutes' I finally came to my senses.... ;)

Glad to put him in the log...

73 John K7FD

----- Original Message -----

From: "Karl F. Larsen" <k5di@zianet.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Thursday, November 30, 2000 6:43 PM  
Subject: FOX NK6A

>  
> Don is near 7041 KHz and calling cq now at 0240Z. He has a great  
> signal in Southern NM. I got him early.  
>  
> Yours Truly,  
>  
> - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -  
>

-----  
Date: Thu, 30 Nov 2000 21:56:37 EST  
From: Kevin L Anderson <k9iua@juno.com>  
To: qrp-1@lehigh.edu  
Subject: [85227] FOX- running split -- listening to Don, NK6A -- lessens  
unlearned?  
Message-ID: <20001130.205120.5367.0.K9IUA@juno.com>

Good Evening folks --

I've been listening to (and trying to get) Don, NK6A, who is running the fox hunt split. And I am still thinking of Ron's, KU7Y, comments recently about splits and his missing the non-split times of earlier hunts.

Three thoughts come to mind:

1. Don pretty much has every one at least 2 Khz up (at least early on 0230ish)

But one problem we are now having is other people wanting to CQ on top of him. That makes sense -- after all he is the only one that might make noise down there. Others can't tell as easily that the frequency is in use, and the Fox has more things on their minds than wanting to send QRL in response to QRL?

When everyone was clustered tighter to the Fox, we created enough din to alert potential users of the frequency in use. Now we don't have that "natural" protection.

(By the way, who was it calling "UP" on Tuesday night, when KI0II was the fox? It wasn't Ron.....hmmm)

2. Calling more than once -- not necessary any more

Early on, back when people clustered closer to the fox, we had everyone pretty much trained to call out just once and therefore practice their training to be "just right". As I learned it, this was to reduce the amount of noise around the fox and lessen the chance of her/him being covered up. Plus it was good training for the hunter.

When we run split as much as the last few hunts, we no longer have the incentive to call just once. In fact the incentive is to do just the opposite. We don't care who we cover up another hunter -- in fact that is a goal, as you want to be the one heard, not the other guy. Same in DX pileups. Make noise....

3. And then there are still those who can't RIT, or at least not +2 Khz.

George, I think it was, the other day made a comment about too many folks still hanging out around the Fox's frequency. Not to pick on George personally (I'm not picking on you). but, well, not every one has RIT, or can RIT/XIT as much as 2-4 khz. Not everyone can afford the new rigs or "fancy" rigs.

Hmmmmm.... Just playing the devil's advocate. Stuff to ponder. Good learning experiences still -- but now of a different kind.

Just thinking in between times to try calling for the fox... backing to hunting....

Cheers/73.

Kevin, K9IUA

\*\*\*\*\*

Kevin Anderson, K9IUA, Lincoln/Bismarck ND  
e-mail: K9IUA@juno.com      Opinions all my own.

\* \* \* \* \*

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Date: Thu, 30 Nov 2000 20:42:50 -0700

From: Brian Kassel <bkassel@dancris.com>

To: QRP-L <QRP-L@lehigh.edu>, azqrp <azqrp@extremezone.com>

Subject: [85228] FOX: A Sebiar Moment K7RE

Message-ID: <3A271E3A.BEBCFB3B@dancris.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Gangue:

After taking a short nap after a hard day, I awoke just in time to call the Fox. I couldn't understand, as the Fox was in CA, why I couldn't get him. I went to reverse, tuned in the calling station, waited and called. Then IT suddenly dawned on me: I WASN'T ON SPLIT! I was calling him every time right on his frequency!

OK I have to tell you all that I'm sorry, have chalked it up to still another senior moment, and promise to increase my daily intake of Geritol ;) Also, I promise in the future to wait long enough after a nap to allow my blood to circulate to my brain. You know, somehow, I don't think that I am going to age gracefully....

Brian K7RE

-----  
Date: Thu, 30 Nov 2000 22:43:14 EST

From: Kevin L Anderson <k9iua@juno.com>

To: qrp-l@lehigh.edu

Subject: [85229] FOX- NK6A doing well!

Message-ID: <20001130.213802.5367.1.K9IUA@juno.com>

I've been listening to Don's run. The pace has been steady after a bit of a rocky start.

It seems to me he will do well overall.

I sure appreciate (despite what my earlier post may have implied) how he is operating. As he suggested he might do, he has been slowing working the split closer and closer to his own frequency. He stayed up for much of the first hour, but then began a nice slow slide down. Now in the last half hour he seems to be down close -- still plenty of people calling.

There were plenty of people throughout the hunt who couldn't RIT/split as far as he was working (me included -- I could only as far as 1.5 up) early on. It is nice that folks are getting a chance at both ends. I nice compromise between the needs of the Fox and the hunters.

Good job, Don. I know your log will be a good one. Thanks.

Cheers/73 Kevin, K9IUA, North Dakota  
\*\*\*\*\*  
Kevin Anderson, K9IUA, Lincoln/Bismarck ND  
e-mail: K9IUA@juno.com Opinions all my own.  
\*\*\*\*\*

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<http://dl.www.juno.com/get/tagj>.

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Date: Thu, 30 Nov 2000 23:01:51 EST  
From: SKIPNC90@aol.com  
To: aa4lr@arrl.net, qrp-1@lehigh.edu  
Subject: [85230] Re: Change the rules?& SS  
Message-ID: <6b.c905f73.27587caf@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Hi Gang,

I have been reading all these posts on power run in contests. There was a comment made on another reflector (contesting) that said run your power to the max.

I countered that "IF YOU CANNOT HEAR THEM YOU CANNOT WORK THEM." This was not well received, almost what I expected. My comment was based on stations that are calling CQ and are 20 over 9 and cannot hear all the station trying to call them, and we all have experienced this at one time or another. I find it mostly in contests but not exclusively.

My effort in the Phone SS netted me 112 QSOs with 48 sections. Overall operating time was 6 hours, not continuous. Running 3 watts from the K2 into a 40 meter Zepp. I operated on 40 through 10 meters and had a balanced total on all bands.

I do contesting for fun and to beat a set goal of contacts. My operating is sandwiched between all the chores of everyday life. I also look for certain states or countries so you can see I am not that serious of a contester. I do enjoy the sprints if I can get on the air. I am shooting for 25 maybe 30 contacts in the Spartan Sprint this monday if I can get on :-). Thanks for reading this.

73, Skip Davis NC90

-----  
Date: Thu, 30 Nov 2000 20:18:57 -0800  
From: Phil Wheeler <w7ox@earthlink.net>  
To: kanga@bright.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [85231] Re: Portable Antenna Pole !  
Message-ID: <3A2726B1.9D1ECA77@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Bill,

I have a DK9SQ and it is extremely high quality. I also see that the specs (wt, stowed length) are different than the MFJ item.

I'm skeptical that MFJ would come up to the quality of the German mast.

But I will watch for your totally unbiased comparison :-)

Phil W7OX

Bill Kelsey - N8ET - Kanga US wrote:

>

> A quick note to the list about the Portable Antenna Pole that Rick noticed

> this past week.  
>  
> I noticed it about two weeks ago in the new MFJ catalog that came as part of  
> Ham Radio Trader. It looked exactly like the DK9SQ mast that I supply in  
> the US. I immediately emailed my US contact and asked if DK9SQ was  
> now selling direct to MFJ.  
>  
> His response was that they are not, and they were not aware that MFJ had  
> started marketing a pole. The pole advertized in the MFJ catalog is one MFJ  
> produces.  
>  
> I had an opportunity to see one first hand in the MFJ booth at the Ft. Wayne  
> Hamfst a week ago. From a distance it looks identical to the DK9SQ mast.  
> Up close there are some obvious differences. I can't say if they are "good" or  
> "bad" because I was not able to look at one closely. They had only one that  
> was displayed vertically behind their table, and it appeared to be made of a  
> much shinier material than the DK9SQ mast. They told me their pole would  
> be available in mid December. I will be ordering one so I can compare it to  
> the ones I sell and will be able to answer questions about the comparision at  
> that time.  
>  
> non-standard disclaimer - I DO have an interest in the DK9SQ mast - I sell  
> them in the US...  
>  
> Bill  
> 73 - Bill - N8ET  
> Kanga US  
> kanga@mail.bright.net  
> <http://www.bright.net/~kanga/>  
> 419-423-4604

-----  
Date: Fri, 01 Dec 2000 04:43:42 -0500  
From: John Farler <jfarler@mis.net>  
To: qrp-l <qrp-l@Lehigh.EDU>  
Subject: [85232] Help: 4N33 specs??  
Message-ID: <3A2772CE.B542E094@mis.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Does anyone have any info on the  
4N33 6 pin DIP Ic? I think I may  
have bought it years ago as an  
opto-coupler (isolator) like the  
one used in isolation for keying  
from the PSK-31 SW or QPR-dupe, a

variation on just using a 2N2222.  
If that's what it is, is it compatible  
for replacing the 4N25?

Also have a Motorola IC that looks  
the same with markings SOC I6 7433.  
Is it the same?

Was then into building computer RTTY  
interfaces, and think that may be  
why I got these devices...darn  
memory!!

Want to build a "universal" sound card  
interface for PSK-31 and various other  
uses...

If someone has the URL's for finding  
IC and semiconductor specs and  
replacements, that would be nice too.  
I should have bookmarked them when  
they were mentioned....Thanks,72,

John Farler, K4AVX  
Hazard, Ky.  
jfarler@mis.net

-----

Date: Thu, 30 Nov 2000 21:14:49 -0800 (PST)  
From: Steve Yates <aa5tb@yahoo.com>  
To: QRP-L Distribute <qrp-l@Lehigh.EDU>  
Subject: [85233] QRP Related Web Page Update  
Message-ID: <20001201051449.18659.qmail@web3001.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

I have recently updated my "QRP POWER METER and DUMMY LOAD" with photos now and I  
created a new  
page called "Homebrew SGC SG-237 Control Box". This latter page only has a small  
description of  
the control box but has some new photos. There certainly are NO technical marvels  
on these pages,  
just a couple of evening projects.

You can be launched to these pages from my "Ham Radio Accessories" page at:

<http://www.geocities.com/aa5tb/access.html>



=====

73,

Steve Yates - AA5TB

Fort Worth, TX - EM12gs

<http://www.geocities.com/aa5tb>

aa5tb@arrl.net

-----  
Do You Yahoo!?

Yahoo! Shopping - Thousands of Stores. Millions of Products.

<http://shopping.yahoo.com/>

-----  
Date: Thu, 30 Nov 2000 23:21:39 -0600

From: "Aartec" <aartec@dwx.com>

To: <qrp-1@Lehigh.EDU>

Subject: [85234] Fox Hunt

Message-ID: <000001c05b56\$95b29e00\$6a9fef3f@b6v6o9>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hi Don,

Nice job on the Fox hunt tonight. Glad you were able to pull me through in the final hour (heck it was actually the final 5 minutes!). You were 589 to 599 here for the first hour and 559 to 579 towards the end. Your procedure worked well and it was easy for the hounds to follow.

I'm not sure if you had my call as WOPP or WOPWE. That is one drawback of this call on CW, they both sound about the same. Thanks again for pulling my weak signal out of the mess.

72

Jerry

WOPWE

-----  
Date: Thu, 30 Nov 2000 20:59:26 -0800

From: Dave Fifield <fifield@pacbell.net>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [85235] Re: REVOCATION OF INDEPENDENCE  
Message-ID: <006f01c05b53\$7af71440\$0600a8c0@earthlink.net>  
MIME-version: 1.0  
Content-type: text/plain; charset="iso-8859-1"  
Content-transfer-encoding: 7bit

Lucky for you us Brits aren't a legally recognized minority group...  
...yet!

72, Dave Fifield, AD6A

-----  
Date: Thu, 30 Nov 2000 22:49:21 -0700  
From: Thomas Kuehl <ac7a@gci-net.com>  
To: jfarler@mis.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [85236] Re: Help: 4N33 specs??  
Message-ID: <3A273BE1.7000BDFD@gci-net.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

John,

The 4N33 optocoupler is pin for pin compatible with the 4N25, but they have different electrical specifications. I don't have the specifications in front of me, but as I recall the big difference comes down to the current transfer ratio (CTR). The CTR is a measure of the current output for a given input current. I believe the CTR for the 4N25 is on the order of 30 to 50%, while it is several 100% (500%) for the 4N33. The difference in CTR's attributable to the 4N25 using a bipolar phototransistor, while the 4N33 uses a Darlington phototransistor.

I built K7RE's interface a few weeks ago, for use with his Log Dupe program. It called for the 4N33, but all I had was a 4N25 in the junk box; so that is what I tried. It worked fine and I used the program and coupler for the SSCW without any problems.

I hope this information is reasonably accurate and helpful. If you need exact info on the couplers a quick search on Google should get you there. I believe Toshiba is just one of many manufactures of these devices.

Best Regards, Thomas - AC7A (Tucson)

John Farler wrote:

> Does anyone have any info on the  
> 4N33 6 pin DIP Ic? I think I may  
> have bought it years ago as an  
> opto-coupler (isolator) like the  
> one used in isolation for keying  
> from the PSK-31 SW or QPR-dupe, a  
> variation on just using a 2N2222.  
> If that's what it is, is it compatible  
> for replacing the 4N25?  
>  
> Also have a Motorola IC that looks  
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> Is it the same?  
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> Was then into building computer RTTY  
> interfaces, and think that may be  
> why I got these devices...darn  
> memory!!  
>  
> Want to build a "universal" sound card  
> interface for PSK-31 and various other  
> uses...  
>  
> If someone has the URL's for finding  
> IC and semiconductor specs and  
> replacements, that would be nice too.  
> I should have bookmarked them when  
> they were mentioned....Thanks,72,  
>  
> John Farler, K4AVX  
> Hazard, Ky.  
> jfarler@mis.net

-----  
Date: Thu, 30 Nov 2000 22:11:03 -0800  
From: "J. Marcus Ziegler" <ziegler@accesscom.com>  
To: <qrp-l@Lehigh.EDU>  
Subject: [85237] Toot... Toot... Toot... NN1G and NJ QRP Club  
Message-ID: <003201c05b5d\$7c8745a0\$5ec8f040@accesscom.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

This praise is rather redundant here on QRP-L but these folks still deserve every bit of it...

-----  
I would like to "toot the horn" for NN1G and the NJ QRP Club for their PSK-80 kit.

<http://www.njqrp.org/warbler/index.html>

Tonight I contacted N0EKU in Longmont Colorado on my NJ QRP Club Warbler PSK-80 kit (lets say it does 3 watts) from the Santa Cruz mountains in California.

According to my 1963 World Book Encyclopedia Atlas that's 950 miles!

That's grid CM97ac to DM79oo.

I'm "propagationlly challenged" and stuck in a very, VERY deep canyon in the Santa Cruz mountains. I have huge ridges rising 1000' above me just 100' away from my QTH to the east and west.

I'm using a 130' dipole that is 20'-30' above the ground. So my propagation should be limited to NVIS.

- Marc, W6ZZZ, [w6zzz@arrl.net](mailto:w6zzz@arrl.net)

Loma Prieta Amateur Radio Club -

<http://www.accesscom.com/~ziegler/lparc.html>

-----  
Date: Thu, 30 Nov 2000 22:59:22 -0500  
From: hamjoel@juno.com  
To: qrp-l@lehigh.edu  
Subject: [85238] FOX - LESS THAN MIN REQ PWR  
Message-ID: <20001201.011313.-224625.0.hamjoel@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

HIGH Don

great job as fox

tonite was a great example where 5 w ws just not the min power required for the desired communication...

25 probably wouldda done it for me up heah but I an't got it so u didn't get it... hee hee

sounds like u worked lots of folk... but 5w just wasn't enough to make it very good into maine... maybe next time we'll get u...

nk6a bees the fox what got away... not many do...

ke1la joel

in maine

-----  
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<http://dl.www.juno.com/get/tagj>.

-----  
Date: Thu, 30 Nov 2000 22:29:34 -0800

From: Phil Wheeler <w7ox@earthlink.net>

To: ziegler@accesscom.com

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [85239] Re: Toot... Toot... Toot... NN1G and NJ QRP Club

Message-ID: <3A27454E.6176CF20@earthlink.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

"J. Marcus Ziegler" wrote:

>

> This praise is rather redundant here on QRP-L but these folks still deserve  
> every bit of it...

> -----

>

> I would like to "toot the horn" for NN1G and the NJ QRP Club for their  
> PSK-80 kit.

> <http://www.njqrp.org/warbler/index.html>

>

> Tonight I contacted N0EKU in Longmont Colorado on my NJ QRP Club Warbler  
> PSK-80 kit (lets say it does 3 watts) from the Santa Cruz mountains in  
> California.

>

> According to my 1963 World Book Encyclopedia Atlas that's 950 miles!

>

1963 .. does that account for movement of the tectonic plates? <grin>

> That's grid CM97ac to DM79oo.

>

He did! I copied both ends of the QSO .. Congrats, Marc. I've never  
worked CO using QRP on 80 (but I have worked NDak!).

73, Phil

-----

Date: Fri, 1 Dec 2000 01:50:24 -0500 (EST)  
From: Doug Faunt N6TQS +1-510-655-8604 <faunt@panix.com>  
To: w7ox@earthlink.net  
Cc: w1rfi@arrl.org, qrp-1@Lehigh.EDU  
Subject: [85240] Re: [85199] Re: [85113] Re: severe QRM on 7.040 and 7.042  
Message-ID: <200012010650.BAA11972@panix6.panix.com>

Date: Thu, 30 Nov 2000 09:28:18 -0800  
From: Phil Wheeler <w7ox@earthlink.net>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Content-Type: text/plain; charset=us-ascii

"Hare,Ed, W1RFI" wrote:

>  
> I believe that 7040 kHz is also the DX RTTY calling frequency.  
>

Maybe it is because I am on the West coast, but I have never heard any RTTY nor other digital mode around 7040, Ed. I do work these modes and know what they sound like.

If you want to work a JA on 40M RTTY, somewhere around there is the place. There's not much activity, except during contests, and even then you have to stay up late. The IARU Region 2 bandplan also calls this the digital DX window, but doesn't mention QRP at all.

I try to stay off 7.040 exactly, even in contests, but if they're there, I'll work them.

73, doug

-----  
Date: Fri, 1 Dec 2000 00:01:44 -0800  
From: "Alan Kaul" <alan.kaul@worldnet.att.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [85241] Intruders on 3.580??  
Message-ID: <000b01c05b6c\$f3c8e9c0\$c60c480c@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Twice this week I've heard what sounds like Japanese on upper sideband while

working PSK on 80M. The signals are loud in Los Angeles around 6-7pm. At the time I was working 2xQRP to Idaho -- so the skip was 900-1000mi from LA to the North. The station I was working tonight, KI7CC, Kimberly, Idaho, also heard them.

The SSB pattern shows up on the PSK screen, but was much weaker in resolution than the PSK signals.

Someone has suggested that it might be foreign fishing vessels talking boat-to-boat in the North Pacific. Anyone else hearing them???

Alan Kaul, W6RCL, LaCanada, CA  
w6rcl@amsat.org , <http://home.att.net/~alan.kaul/index.html>

-----  
Date: Fri, 01 Dec 2000 05:28:51 -0500  
From: Brian <brian@iquest.net>  
To: QRP-L <qrp-l@lehigh.edu>  
Subject: [85242] VE7SL bags Indiana  
Message-ID: <3A277D63.5AAB11E8@iquest.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Yipee!!

This morning at 10:05 KB9BVN and VE7SL had a qso. We exchange RST's and all that and Steve now has Indiana in the books. He said he needs two more for WAS on his TT2. Let's help him out gang.

Steve....QSL card will be heading to your island on Saturday. One of my missions this weekend is to catch up on a month of QSL cards.

--

=====  
KB9BVN NORCAL 2792 FISTS 5695 QRP-L 1540 QRP-ARCI 10223  
39.558 N 86.095 W Johnson Co., Indiana  
GRID: EM69WN - Ten Tec Scout - Attic Dipole - 5w  
Member of the American Radio Relay League - SOC #400  
FISTS Century Club #764/#24 QRP - Flying PIG QRP #-57  
=====

-----  
Date: Fri, 1 Dec 2000 18:23:02 +0700

From: "Donny Sirait" <dsirait@centrin.net.id>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [85243] Manhattan style contest Jim Vs Chuck  
Message-ID: <003001c05b89\$4046c1c0\$c3ee92ca@donnysirait>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Dear freinds,  
It is very comforting to read Chuck's posting about the  
IA 10. I believe that Chuck and Jim is very excited to do  
their best and both result sure will be a master piece.  
The hard part for us the QRP-L reader will be the voting??  
However I think there is one more significant than the  
contest itself. The freindly atmosphere among the two best  
inspite of their private interest to win the contest.  
Lately there has been much protest and flames on this list  
why cannot we change all that flame energy to something  
more positive like this??  
If we try from ourself I think we can make this list a better  
list then now.  
My 0.20 worth.  
vy 72 de YB1B0D  
Donny Sirait  
Bekasi Indonesia

PS Thank your Chuck and Jim to accept the challance  
Sure we will learn much from your work of beauty.

-----  
Date: Fri, 1 Dec 2000 06:08:52 -0700 (MST)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: qrp-l@lehigh.edu  
Subject: [85244] PSK-31 Ground loops  
Message-ID: <Pine.LNX.4.10.10012010536290.805-1000000@cannac.ampr.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I run psk from a IBM laptop to a Kenwood ts-140. Both the radio  
and the computer are powered by a single 12 volt dc source. So there is a  
wire leading from ground on the radio to ground on the computer.

If I run another ground wire between the radio and the computer  
it will generate a ground loop and cause big problems. So when I make the



keying circuit from the rs-232 plug at the computer, I don't use 2 wires, I use one. The ground return is through the power wiring.

The speaker audio goes to the computer with one wire. The ground return is through the power wiring.

The mike is a special problem. Most radios have a mike lead and a special ground lead. This is done because the mike signal is very small. The only practical way to deal with this is with a transformer. Radio Shack sells one that works fine with my radios. They are 1:1 so you hook the mike and it's special ground to one side. Then you run 2 wires from the output of your soundcard to the other side of the transformer. This 2 wires are a single wire with a shield that is at computer ground. Important: All four wires to the transformer are insulated from ground at the transformer. An ohm meter will show a low resistance between radio or computer ground at the transformer and this is correct. But be sure not to ground any of the 4 leads.

If your computer and radio plug into 120 vac you will need to run a wire between the ground connections on both units. This can be 26 gauge hook up wire since it will have just a few milliamps of current flowing.

Now then enjoy psk-31 on the band you like. I sure like 10 meters. I have a 5 element beam 2 wavelengths above ground that works rather well with 4 watts of rf power.

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

-----  
Date: Fri, 1 Dec 2000 08:08:53 -0500  
From: "Don Wilhelm" <w3fpr@arrl.net>  
To: "QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [85245] Re: Measuring Power  
Message-ID: <007801c05b97\$df7d6420\$a3b8183f@dbw11main>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Well, I guess I need to be more careful when posting to the list - the first one bounced.

----- Original Message -----  
Doug (and all),

I believe I originated something on that subject.

Connect the 'scope across the dummy load, and observe the zero to peak voltage (1/2 of the peak to peak).

The square of this voltage divided by 100 will be the power if the dummy load is 50 ohms.

If you are using other than a 50 ohm load, the power can be calculated as  $V^2/2R$ .

All these formulas are derivations of the classic formula for power -  $P = V^2/R$  where V is the RMS voltage, so using zero to peak voltage, one must convert to RMS by multiplying by 0.707 which comes from  $(\sqrt{2})/2$ . I leave the rest of the math up to the user to verify.

73

Don Wilhelm -Chapel Hill, NC

W3FPR QRP-L # 485 K2 SN 0020

----- Original Message -----

From: "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>

> Sometime in the not-so-recent past, I saw a post to the list explaining how

> to measure RF output power from a QRP rig using an oscilloscope. I must  
>

-----  
Date: Fri, 1 Dec 2000 05:57:56 -0800 (PST)

From: Jim Hale <kj5tf@yahoo.com>

To: QRP-L <qrp-l@Lehigh.EDU>

Subject: [85246] Anyone worked TS5N?

Message-ID: <20001201135756.23650.qmail@web704.mail.yahoo.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

I worked this call in the CQWW contest, but all my searches come up blank. The only mention I found was in the Daily DX, and it mentions TS5N and IOTA AF073.

I also worked the TS7N, so pretty sure I didnt make a mistake in the call. But its not impossable Hi Hi

Thanks for any help.

Jim KJ5TF

=====

<http://www.madisoncounty.net/~kj5tf/>

Milliwatting Editor ARCI QRP Quarterly  
Join/renew membership QRP Amateur Radio Club International  
<http://www.qrparci.org/arcijoin.html>  
AR QRP#2 - Kingston, Arkansas 35.94N 93.47W  
Private email [kj5tf@madisoncounty.net](mailto:kj5tf@madisoncounty.net)

-----  
Do You Yahoo!?  
Yahoo! Shopping - Thousands of Stores. Millions of Products.  
<http://shopping.yahoo.com/>

-----  
Date: Fri, 1 Dec 2000 09:29:17 -0500 (EST)  
From: John AE5X <[ae5x@juno.com](mailto:ae5x@juno.com)>  
To: [kj5tf@yahoo.com](mailto:kj5tf@yahoo.com), Low Power Amateur Radio Discussion <[qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)>  
Subject: [85247] RE: Anyone worked TS5N?  
Message-ID: <379386477.975680958268.JavaMail.root@web425-wra>  
Mime-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Jim,

The log for TS7N is online at [www.qsl.net/ts7n](http://www.qsl.net/ts7n). You can see if their log entry matches the band you worked them on.

John AE5X

-----Original Message-----  
From: Jim Hale <[kj5tf@yahoo.com](mailto:kj5tf@yahoo.com)>  
To: Low Power Amateur Radio Discussion <[qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)>  
Sent: December 1, 2000 1:57:56 PM GMT  
Subject: Anyone worked TS5N?

I worked this call in the CQWW contest, but all my searches come up blank. The only mention I found was in the Daily DX, and it mentions TS5N and IOTA AF073.

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Thanks for any help.

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=====

<http://www.madisoncounty.net/~kj5tf/>  
Milliwatting Editor ARCI QRP Quarterly  
Join/renew membership QRP Amateur Radio Club International  
<http://www.qrparci.org/arcijoin.html>  
AR QRP#2 - Kingston, Arkansas 35.94N 93.47W  
Private email [kj5tf@madisoncounty.net](mailto:kj5tf@madisoncounty.net)

-----  
Do You Yahoo!?  
Yahoo! Shopping - Thousands of Stores. Millions of Products.  
<http://shopping.yahoo.com/>

-----  
Date: Fri, 01 Dec 2000 06:29:50 -0800  
From: Phil Wheeler <[w7ox@earthlink.net](mailto:w7ox@earthlink.net)>  
To: [alan.kaul@worldnet.att.net](mailto:alan.kaul@worldnet.att.net)  
Cc: Low Power Amateur Radio Discussion <[qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)>  
Subject: [85248] Re: Intruders on 3.580??  
Message-ID: <[3A27B5DE.A8381772@earthlink.net](mailto:3A27B5DE.A8381772@earthlink.net)>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Alan Kaul wrote:

>  
> Twice this week I've heard what sounds like Japanese on upper sideband while  
> working PSK on 80M. The signals are loud in Los Angeles around 6-7pm. At the  
> time I was working 2xQRP to Idaho -- so the skip was 900-1000mi from LA to the  
> North. The station I was working tonight, KI7CC, Kimberly, Idaho, also heard  
> them.  
>  
> The SSB pattern shows up on the PSK screen, but was much weaker in resolution  
> than the PSK signals.  
>

I've seen nothing like that, Alan .. and I am very close to you, as you know. But my noise level is likely higher. I will start watching, though.

Given propagation, I'd say a ship would be a more likely explanation (I've not heard JA at that time of the evening on any mode on 80).

73, Phil

-----  
Date: Fri, 1 Dec 2000 09:47:48 -0500 (GMT+5)  
From: wd9eyb@butler.qrp.com  
To: qrp-l@lehigh.edu  
Cc: wvara@butler.qrp.com  
Subject: [85249] Kanga Dummy Load Enclosure  
Message-ID: <Pine.LNX.3.95.1001201094349.10186A-100000@butler.qrp.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Here's my idea for an enclosure for the Kanga dummy load.  
<http://butler.qrp.com/~wd9eyb/kangadl/box.html>

Pressure when the lid is on holds the dummy load in place.  
The furniture bumpers keep it from turning.  
I'm not planning on filling the container with transformer oil,  
but that would be an option.

My complete Kanga dummy load web page is  
<http://butler.qrp.com/~wd9eyb/kangadl/>

Thanks,

Jim, WD9EYB

-----  
Date: Fri, 1 Dec 2000 09:00:22 -0600  
From: Charles K Brown <n4so@juno.com>  
To: qrp-l@lehigh.edu  
Subject: [85250] Callsign Series TSA-TSZ  
Message-ID: <20001201.090028.14694.11.n4so@juno.com>

For TS5 and TS7 I come up with Tunisia.

My source is the International Callsign Series  
from a shipboard callsign book published by the  
International Telecommunications Union (ITU)

TSA-TSZ Tunisia

I am aware that 3V8BB has been operating in the past. Both are valid and are listed in the Series or callsign blocks assigned by ITU.

Ken Brown N4SO  
Mobile, AL EM50tk  
NorCal 20 at 5 watts  
4 element mono. yagi

-----  
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<http://dl.www.juno.com/get/tagj>.

-----  
Date: Fri, 1 Dec 2000 07:11:22 -0800  
From: "Trevor Jacobs" <fxtech@earthlink.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [85251] Re: Manhattan style contest Jim Vs Chuck  
Message-ID: <009201c05ba8\$f798e640\$e7eab3d1@tjacobs>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Donny,

I couldn't agree more! You hit the nail on the head, and from half way accross the world! I guess we're all still counting votes! Yea guys and gals, you know that thread that lasted for like a month about starting a new list, well I think all of the gripers (there's a B word I could use here) should form their own list so that the rest of us who are more interested in the hobby than griping can have some fun, since that's what it's all about. I'm real sick of all of the negative stuff (could have used a C word here) and getting over 20 e-mails a day that I could care less about (in fact I've almost unsubscribed a few times!), so let's talk about QRP Ham Radio and not how bad things are or how other ops are so unfair, and darn why don't everyone run CW at 5 watts! Well guys it's a divirse hobby with lots of factions. I'd probably stun most of you if I said that I like to operate AM on 75 Meters! Well the truth is I do, and just got a line on a Johnson Viking II and am going to restore it! And yes it puts out 100 watts. Bottom line is guys that just because I have an interrest in QRP CW, doesn't mean that I limit myself to this. I'm not saying that it's ok to be a LID, but there are other aspects of the hobby that are fun. To be honest, the reason I got into QRP is because the gear is fun to build and a lot easier to design than the high powered stuff, plus I love the challange of QRP. BTW I do operate QRP most of the time, but those old AM Boat Anchors do put out

at least 40 watts! Take care...

73

Trev

KG6CYN

----- Original Message -----

From: Donny Sirait <dsirait@centrin.net.id>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Friday, December 01, 2000 3:23 AM

Subject: Manhattan style contest Jim Vs Chuck

> Dear freinds,  
> It is very comforting to read Chuck's posting about the  
> IA 10. I believe that Chuck and Jim is very excited to do  
> their best and both result sure will be a master piece.  
> The hard part for us the QRP-L reader will be the voting??  
> However I think there is one more significant than the  
> contest itself. The freindly atmosphere among the two best  
> inspite of their private interest to win the contest.  
> Lately there has been much protest and flames on this list  
> why cannot we change all that flame energy to something  
> more positive like this??  
> If we try from ourself I think we can make this list a better  
> list then now.  
> My 0.20 worth.  
> vy 72 de YB1BOD  
> Donny Sirait  
> Bekasi Indonesia  
>  
> PS Thank your Chuck and Jim to accept the challance  
> Sure we will learn much from your work of beauty.  
>  
>

-----  
Date: Fri, 1 Dec 2000 07:36:47 -0800

From: "Steve McDonald" <jsm@gulfislands.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [85252] Re: VE7SL bags Indiana

Message-ID: <003c01c05bac\$85c8b640\$6511f4cc@jms>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Nice contact Brian and your 5W sounded like 100W here. I wish you had the time to switch to the SMK-1 as condx were very good.  
Just DE and WY left now!!  
Looking forward to the card. Have a blank space in the TT album waiting for Indiana.  
Thanks again for the early morning, pre-saltmine effort...I do appreciate it.

72  
Steve / VE7SL

> Yipee!!  
>  
> This morning at 10:05 KB9BVN and VE7SL had a qso. We exchange RST's  
> and all that and Steve now has Indiana in the books. He said he needs  
> two more for WAS on his TT2. Let's help him out gang.  
>  
> Steve....QSL card will be heading to your island on Saturday. One of  
> my missions this weekend is to catch up on a month of QSL cards.  
>  
>  
> --  
> =====  
> KB9BVN NORCAL 2792 FISTS 5695 QRP-L 1540 QRP-ARCI 10223  
> 39.558 N 86.095 W Johnson Co., Indiana  
> GRID: EM69WN - Ten Tec Scout - Attic Dipole - 5w  
> Member of the American Radio Relay League - SOC #400  
> FISTS Century Club #764/#24 QRP - Flying PIG QRP #-57  
> =====

-----  
Date: Fri, 1 Dec 2000 08:03:15 -0800 (PST)  
From: Curt Milton <wb8yyy@yahoo.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [85253] RE: 1EL10M Beam  
Message-ID: <20001201160315.36935.qmail@web9602.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

In case one can't mount this antenna as a beam, it can be used as a vertical - and was published that way in QST. on 10m the dipole does not have to be real high



so i would not expect a great different for most hams  
- the rotatable dipole would have a slight gain over  
the vertical. anyway, almost anyone can erect a good  
DX antenna for 10 and also 6 meters.

Curt WB8YYY

--- Tracy <tracy@bytemark.com> wrote:  
> I have a buddy that uses a copper dipole on a  
> rotatable mast and he says it  
> works great.  
>  
> Tracy N4LGH  
>  
> -----Original Message-----  
> From: owner-qrp-1@Lehigh.EDU  
> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of  
> John R Kirby  
> Sent: Thursday, November 30, 2000 10:42 AM  
> To: Low Power Amateur Radio Discussion  
> Subject: 1EL10M Beam  
>  
>  
> Ten is hot . . .  
>  
> Want to try  
> a one element  
> steerable  
> dipole?  
>  
> Picture a dipole . . .  
> but,  
> on a mast.  
>  
> Elements, two, eight foot, 1/2 inch, thin wall  
> conduit, from any home '  
> U-fix it' store.  
>  
> Boom, wood 2X2, 2 ft long, 'lattice cap' has a >V<  
> shape groove that will  
> accept the 1/2 inch elements, same store.  
>  
> Mast, wood 2X2, 8 ft long.  
>  
> Clamp (s), >U< bolts, elements to boom and boom to  
> mast.  
>  
> Clamp (s), hose clamps, coax feed to elements.

>  
 > Clamps (s), mast to chimney or other structure as  
 > required,  
 > I use >U< bolts to an aluminum extension ladder.  
 >  
 > The math . . .  
 >  
 > \*\*This is an example only \*\*so we all start from the  
 > same ball park.  
 >  $(468 \times (k \text{ factor})) / 28.12 = 16.6$  feet (total  
 > length, end to end) . . .  
 >  
 > That 'k factor' represents a lot of things, height,  
 > element length to  
 > diameter ratio  
 > promiscuity of elements to other . . . you get the  
 > picture..  
 >  
 > Depending on >k<, each element could be slightly  
 > over eight feet but  
 > conduit is only 8 ft long so . . . therefore you  
 > must . . .  
 > "PRUNE" each element with 3/8 inch copper tubing,  
 > hammer one end of tubing to fit conduit then use a  
 > hose clamp.  
 >  
 > The antenna is coax fed at the center  
 > therefore one element is >mirrored< or >cold< and  
 > does an outstanding job just like a common dipole.  
 >  
 > If you want to try a different feed variation,  
 > use a 1:1 BALUN,  
 > (common configuration ... from ARRL Antenna HB page  
 > 26-11, Fig 14 >C<)  
 > locate on the boom at the center of the dipole.  
 >  
 > I use ferrite material (1.25 inch diameter X 5/8  
 > inch wide, 3/16 thick. .  
 > . QRP for sure . . . ). To test (that is, to add  
 > or remove turns in  
 > order to achieve max bandwidth), I build two  
 > identical units, then  
 > connect them back to back (>BAL to BAL<), then  
 > terminate one (>UNBAL<)  
 > end into 50 Ohm, then connect other (>UNBAL<) end to  
 > the MFJ 259. Start  
 > with 5 turns bifilar wound, I used solid (16 or 18  
 > ??) gauge enameled



charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Steve,

WY and DE were my LAST two for 40m WAS on my NC40a.

DE has lots of helpful ops, go ask in FISTS. WY was pure luck for me.

----- Original Message -----

From: "Steve McDonald" <jsm@gulfislands.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Friday, December 01, 2000 10:36 AM  
Subject: Re: VE7SL bags Indiana

>  
> Nice contact Brian and your 5W sounded like 100W here. I wish you had the  
> time to switch to the SMK-1 as condx were very good.  
> Just DE and WY left now!!  
> Looking forward to the card. Have a blank space in the TT album waiting  
for  
> Indiana.  
> Thanks again for the early morning, pre-saltmine effort...I do appreciate  
> it.  
>  
> 72  
> Steve / VE7SL  
>  
>  
> > Yipee!!  
> >  
> > This morning at 10:05 KB9BVN and VE7SL had a qso. We exchange RST's  
> > and all that and Steve now has Indiana in the books. He said he needs  
> > two more for WAS on his TT2. Let's help him out gang.  
> >  
> > Steve....QSL card will be heading to your island on Saturday. One of  
> > my missions this weekend is to catch up on a month of QSL cards.  
> >  
> >  
> > --  
> > =====  
> > KB9BVN NORCAL 2792 FISTS 5695 QRP-L 1540 QRP-ARCI 10223  
> > 39.558 N 86.095 W Johnson Co., Indiana  
> > GRID: EM69WN - Ten Tec Scout - Attic Dipole - 5w  
> > Member of the American Radio Relay League - SOC #400  
> > FISTS Century Club #764/#24 QRP - Flying PIG QRP #-57  
> > =====

>  
>  
>

-----  
Date: Fri, 1 Dec 2000 08:43:02 -0800  
From: "Glenn Maclean" <glennmaclean@ix.netcom.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Cc: "John Wagner" <john@neknetwork.com>  
Subject: [85255] Cub Fox Hunt #12 Final Log  
Message-ID: <001f01c05bb5\$c5dd5980\$0a01c6c0@oemcomputer>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Well after a few minor corrections here is the final log for Cub Fox hunt #12. I had some very nice comments about having good ears thanks guys! I have to give some credit to the Elecraft folks for giving the K1 a hot receiver! Some of you also made comments about the malicious QRM around 7.142. It is unfortunate that it is happening more often. I hope to increase the pelts I give out when it is my turn again after the first of the year. Happy Holidays!

73's Glenn WA7SPY

0200	W0CH	559	MO	Dave	5W
0204	K5DI	589	NM	Karl	5W
0207	W9WIS	559	WI	Mike	4W
0218	N4ROA	339	VA	Dan	5W
0222	WE6W	599	CA	Ed	5W
0225	W9DND	559	MN	John	5W
0230	KE6RS	559	CA	Ron	5W
0235	AC5JH	549	OK	Tom	5W
0242	W7ILW	559	AZ	Howard	3W
0244	KI0II	549	CO	Ron	5W
0245	K9IUA	559	ND	Kevin	5W
0250	AA7EQ	559	AZ	Bob	5W
0252	K7FD	559	OR	John	5W
0257	N5WL	559	OK	Bart	5W
0300	WU9F	559	WI	Terry	5W
0305	KF4VTM	449	VA	Dan	5W
0311	K5DW	339	TX	Don	5W
0314	K5LD	559	TX	Larry	5W
0320	VA6RF	559	AB	Earl	5W
0330	WB8ICN	589	MI	Mike	5W

0333	AF4PS	529	FL	Mac	5W
0351	K2FN	529	NJ	Frank	5W
0356	K4FB	339	FL	Paul	5W
0400	WA7SPY	The Cub Fox			

-----

Date: Fri, 01 Dec 2000 12:21:38 -0500  
 From: Chuck Ludinsky <cjl@mitre.org>  
 To: qrp-l@lehigh.edu  
 Subject: [85256] Re: 80m delta loop  
 Message-ID: <3A27DE22.34B56D48@mitre.org>  
 MIME-Version: 1.0  
 Content-Type: text/plain; charset=us-ascii  
 Content-Transfer-Encoding: 7bit

You might also want to consider a vertical, rectangular loop similar to those discussed by Cecil Moore, W6RCA, on his web page:

<http://people.delphi.com/cecilmoore/rect80m.htm>

These can be fed at one of the lower corners with little change in radiation pattern or feedpoint impedance.

> John, you should have a great experience with the 80 meter Delta Loop,  
 > but, consider making the loop fit the mast and landscape. There is not  
 > really any need to make it equal-lateral.  
 >  
 > If you find that there is more loop than real estate, maybe consider using  
 > ladderline or twinlead to do the loading instead of lossy coils. If you do  
 > use wire feeders instead of coax, chances are that a 1:1 balun will get  
 > you matched with less loss than a 4:1 balun.

-----

Date: Fri, 1 Dec 2000 12:22:31 -0500 (EST)  
 From: Bob Patten <n4bp@bc.seflin.org>  
 To: Jim Hale <kj5tf@yahoo.com>  
 Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
 Subject: [85257] Re: Anyone worked TS5N?  
 Message-ID: <Pine.3.89.10012011221.B13587-01000000@bc.seflin.org>

MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 1 Dec 2000, Jim Hale wrote:

> I worked this call in the CQWW contest, but all my  
> searches come up blank. The only mention I found was  
> in the Daily DX, and it mentions TS5N and IOTA AF073.  
>

I checked my single-band 10M log, but didn't find either TS5N or TS7N.  
I did, however, log TI5N. If I remember correctly, he was one of those  
50WPM+ ops, so might have been easy to mistake for TS5N. Or maybe he was  
TS5N and I miscopied as TI5N. :-)

73,

Bob Patten, N4BP

( 0 0 )

Plantation, FL

-----o00o-( )-o00-----

E-Mail: n4bp@bc.seflin.org  
Web Page: <http://www.qsl.net/n4bp>  
Brass Pounder BBS: (954) 472-7715

QRP ARCI #3412

FISTS #7871

ARS #799

SOC #1

Whiners #6

-----  
Date: Fri, 01 Dec 2000 12:51:15 -0500  
From: Chuck Ludinsky <cjl@mitre.org>  
To: qrp-l@lehigh.edu  
Subject: [85258] RE: New CB Enforcement  
Message-ID: <3A27E513.A52A5A3B@mitre.org>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Although most of us do not like any law that appears to give radio  
enforcement responsibilities to local and/or state authorities, this one  
might have a positive side: that CB'er who is operating on the lower  
part of the 10M band is interfering with a licensed service; thus the  
amateur might be able to request action by the local police. (??)  
Assuming, of course, that the state enacts corresponding regulations.

Ed Hare wrote:

> You are quite correct, Mike; this simply allows states to pass laws that are  
> similar to existing federal law. ARRL originally had the same concerns I

> have seen expressed here; that local enforcement would confuse Amateur and  
> CB. ARRL's lobbyist worked closely with the original bill author,  
> suggesting wording changes. The federal law authorizing is is very specific  
> in its wording that this does NOT permit enforcement of the Amateur Radio  
> Service.

-----  
Date: Fri, 01 Dec 2000 09:59:14 -0800  
From: Phil Wheeler <w7ox@earthlink.net>  
To: cjl@mitre.org  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [85259] Re: New CB Enforcement  
Message-ID: <3A27E6F2.99D3C0C4@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Chuck Ludinsky wrote:

>  
> Although most of us do not like any law that appears to give radio  
> enforcement responsibilities to local and/or state authorities, this one  
> might have a positive side: that CB'er who is operating on the lower  
> part of the 10M band is interfering with a licensed service; thus the  
> amateur might be able to request action by the local police. (??)

If anyone does this with success, please let us know. The barking of  
the CB dog is a bit on the subtle side.

Phil W7OX

-----  
Date: Fri, 01 Dec 2000 10:03:30 -0800  
From: "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>  
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>  
Subject: [85260] Measuring Power  
Message-ID: <60F1FEB31CA3D211A1B60008C7A45F43099800BA@blaze.bcsc.GOV.BC.CA>  
Content-return: allowed  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7BIT

Thanks to all who have given me help in measuring power with the scope. I  
took all of your posts home last night and here's what happened.



Scope: HP180A

Time Base: HP1801A 50MHz (don't know what the 3db bandwidth is)

The rig I'm checking is a QRP transmitter called the 'Little Joe'. It is supposed to put out just over one watt. Just to make sure I was reading the scope correctly, I connected the probe to a known 12vdc source with the volts/div. set at 5 and the time/div set to 1 sec. The trace on the scope jumped up to exactly 12 volts (2 1/2 divisions) so I am assuming that either the probe is a 1X or the scope is correcting for the 10X internally.

I hooked the tx up to a non-reactive dummy load using a BNC 'T' connector. One port to the load, one to the scope and the other to the tx. With the tx keyed, the scope showed a two-line trace indicating the peak-to-peak voltage from the tx. This was measured at 16 volts, 8 volts on either side of the '0' line. Using the formulae provided by you guys, I calculate the tx is putting out 0.64 watts. This roughly half of what it's supposed to be putting out. So, I don't know if the scope is haywire, the tx is low in output, or I just don't know what the h\_\_\_ I'm doing :~)

Also, I tried to get the trace to form a sine wave, as I've heard it's supposed to do. No matter what I did with the knobs on the scope, all I got was the two-line trace with a bunch of green shading in between. Is this a potential symptom of something bad or my ineptitude with the scope?

So, there you have it. Maybe someone could analyze this dissertation and give me some guidance. I should try this experiment out with my SMK-1 just to see what I get on that one. If it's around 300mW, then I guess everything is working as it should.

Doug VA7DD

MailTo:Doug.Davies@gems3.gov.bc.ca

-----  
Date: Fri, 1 Dec 2000 13:08:56 -0500

From: ed.kwik@delphiauto.com

To: qrp-1@Lehigh.EDU

Subject: [85261] Antenna: Hamsticks for beam elements?

Message-ID: <052569A8.006405E9.00@usabhmg99.mail.delphiauto.com>

Mime-Version: 1.0

Content-type: text/plain; charset=us-ascii

Content-Disposition: inline

My darn dipole just does not work well on 30 meter DX. Although it is about 1/2

wavelength high, it runs in the wrong direction to work East or West DX from my Midwest location. It is 105 feet long and at that length it probably has a figure eight pattern with very narrow beam widths. It works very well during the day time on short skip to GA, SC, and FL. I often have my SW30+ gain down to the minimum and still have my ears hurt from the loud signals and my RST reports confirm that I have very strong transmit signals. So I believe two things are happening here. One, the low height has the take off angle too high. Second, if I project the short skip coverage to long skip, I cover places where nobody lives. Just ocean and Siberia. My list to Santa has enough antenna stuff on it so I can put up a 30 meter vertical dipole using the end feed technique shown in the last issue of QJ. The base will be on top of the roof about 25 feet and the other end will be up into a 70 foot spruce tree. It will be about 10 degrees off from a true vertical. I plan on putting this up when the January thaw hits. But I was thinking. I have seen where two Hamstick antennas are configured as a dipole. There is a bracket that you can get so I assume it is a fairly popular thing to do. Anybody got any ideas on how a two Hamstick dipole at 40 feet would compare to a vertical dipole with the base at 25 feet? I will run the models when I get a chance, but I wanted to ask to see if anyone has done a real life comparison. I know it is just a shot in the dark. Has anyone tried to make a short two or three element beam using Hamsicks as elements?

Ed AB8DF

-----  
Date: Fri, 01 Dec 2000 18:28:03 +0000  
From: "Chuck Adams, K7QO" <k7qo@primenet.com>  
To: dsirait@centrin.net.id, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [85262] Re: Manhattan style contest Jim Vs Chuck  
Message-ID: <5.0.2.1.0.20001201181222.00a05d70@pop.primenet.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 06:23 PM 12/1/00 +0700, Donny Sirait wrote:

>Dear friends,  
>It is very comforting to read Chuck's posting about the  
>IA 10. I believe that Chuck and Jim are very excited to do  
>their best and both result sure will be a master piece.  
>The hard part for us the QRP-L readers will be the voting??  
>However I think there is one more significant item than the  
>contest itself. The friendly atmosphere among the two best  
>in spite of their private interest to win the contest.

>---snip snip---

>vy 72 de YB1B0D  
>Donny Sirait  
>Bekasi Indonesia

Thanks for the note Donny. I know that Jim and I look forward to the challenge of doing this for the rest of the group.

I see this as having several goals for myself and others:

- o Show everyone that building something written up as Manhattan Style and fully illustrated and documented isn't that difficult. And I'm sure that there may result in some mods either in part values or placement to show how two different people can differ in thinking about layouts. You really only need the punch from Harbor Freight that we use and some hand shears to cut PC board to size. And SuperGlue (tm) is readily available anywhere.
- o That building Manhattan Style can be done cheaply and quickly and I've found that it is much more prone to be error free.
- o The larger ground plane found in Ugly and Manhattan Style building goes a long way to provide a lower inductance return path and less prone to unwanted coupling and oscillations.
- o And I'm sure that Jim and I will complete about the same time and then we'll get on the air to work some of you and you can see how the rig performs on the air.
- o Of course, everyone wins in this one. I've never been beat but I have been out scored. :-)

Again, thanks to Doug for the parts and of course to Mike for the design. If Doug does come out with some parts kits for this one I recommend that you all sign up ASAP so that maybe even after Jim and I get done the rest of you can also build one and show us pics. I'll be available for questions and I'm sure the others involved will be glad to help those having difficulties.

It is winter time and after 30 and 40 meters close down you can build on something. It's that time of the year again.

Let the games begin.....

dit dit

-----  
Date: Fri, 01 Dec 2000 10:58:11 -0800  
From: Jerry Parker <jparker@fix.net>  
To: qrp-1@LeHigh.edu  
Subject: [85263] NorCal's December Meeting Sunday  
Message-ID: <2.2.32.20001201185811.0085cdf8@fix.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

QRPers, the December meeting of the NorCal QRP Club will be held as usual Sunday December 3rd at the California Burger Restaurant, located off the Santa Rita Exit of I580 West of Livermore and East of Pleasanton. The California Burger is located in the small shopping center behind the Shell Station across the street from McDonald's Restaurant. If you are coming from Livermore, take the Santa Rita exit, and you will come to a stop light. Turn left and go over the freeway. You will come to a traffic signal. Turn left, and you will notice a McDonald's on your left, and a Shell station on your right. Take the first right turn, (about 107 yards, 2 feet and 7 1/4 inches from the intersection) and you will be in a small shopping center. The California Burger is in the SouthWest corner of the shopping center. Look for all of the cars, you can't miss it.

If you are coming from Pleasanton, take the Santa Rita exit to your right. You will come to a traffic light. Go straight across the street, and you will see the McDonald's and Shell Station. Same directions as above.

Remember, if you have never been to a QRP meeting, this is not like all of the other meetings you go to. It starts about 10:30 and ends about 1:30 or so. No rules, no minutes, no new business, no old business, just a get together of QRPers who want to meet and share QRP information with others of like interests. Our meeting is entirely social, and those who attend always seem to enjoy themselves. If you come, bring along your latest project to share with the rest of us, we want to see and admire it, probably steal a couple of your ideas in our next project, but we will have fun!

72,  
Doug, KI6DS

-----  
Date: Fri, 01 Dec 2000 19:10:20 -0800  
From: dave.g0dja@psilink.co.uk (David J. Ackrill)  
To: qrp-1@lehigh.edu  
Subject: [85264] Unsubscribing  
Message-ID: <E141vYo-0004ic-00@relay3.mail.uk.psi.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi all,

I've forgotten how to modify my subscription, or unsubscribe. Could someone kindly remind me please?

Thanks de Dave (G0DJA)

-----  
Date: Fri, 01 Dec 2000 11:51:36 -0800  
From: "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>  
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>  
Subject: [85265] Results: Measuring Power  
Message-ID: <60F1FEB31CA3D211A1B60008C7A45F43099800C5@blaze.bcsc.GOV.BC.CA>  
Content-return: allowed  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7BIT

I got a kick-back message on this so I'm re-sending it. If I've doubled up, I appologize.

Doug

Thanks to all who have given me help in measuring power with the scope. I took all of your posts home last night and here's what happened.

Scope: HP180A  
Time Base: HP1801A 50MHz (don't know what the 3db bandwidth is)

The rig I'm checking is a QRP transmitter called the 'Little Joe'. It is supposed to put out just over one watt. Just to make sure I was reading the scope correctly, I connected the probe to a known 12vdc source with the

volts/div. set at 5 and the time/div set to 1 sec. The trace on the scope jumped up to exactly 12 volts (2 1/2 divisions) so I am assuming that either the probe is a 1X or the scope is correcting for the 10X internally.

I hooked the tx up to a non-reactive dummy load using a BNC 'T' connector. One port to the load, one to the scope and the other to the tx. With the tx keyed, the scope showed a two-line trace indicating the peak-to-peak voltage from the tx. This was measured at 16 volts, 8 volts on either side of the '0' line. Using the formulae provided by you guys, I calculate the tx is putting out 0.64 watts. This roughly half of what it's supposed to be putting out. So, I don't know if the scope is haywire, the tx is low in output, or I just don't know what the h\_\_\_ I'm doing :~)

Also, I tried to get the trace to form a sine wave, as I've heard it's supposed to do. No matter what I did with the knobs on the scope, all I got was the two-line trace with a bunch of green shading in between. Is this a potential symptom of something bad or my ineptitude with the scope?

So, there you have it. Maybe someone could analyze this dissertation and give me some guidance. I should try this experiment out with my SMK-1 just to see what I get on that one. If it's around 300mW, then I guess everything is working as it should.

Doug VA7DD  
MailTo:Doug.Davies@gems3.gov.bc.ca

-----  
Date: Fri, 01 Dec 2000 13:25:43 -0700  
From: Ray Colbert <w5xe@juno.com>  
To: qrp-1@lehigh.edu  
Subject: [85266] Re: Intruders on 3.580??  
Message-ID: <3A280947.1167CC4@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Not unusual nor illegal since it is a shared band for mobile users - meaning vehicles and vessels. I have heard the oriental - possibly Korean or Japanese, various parts of what we call the 80 meter cw band. Additionally, you will also hear the Mexican fishing boats, Mexican military and Federales, most now using a type of cipher voice privacy which is operated in the USB mode and just not quite tunable. While in with the Glowbug fellows recently on 3579, there has been a Piccolo (stepped tones) operating about 3581 or

so - that is a diplomatic system indigenous to the Brits, and used in some Caribbean and Central American locations - usually former colonies. The oriental vessels as well as the Mexican ones are also down around 3540, 3530, and 3550 in recent weeks.

Regarding the interference on 7040-7042 - there is at times an inband hf repeater that takes cw signals from within the band and rebroadcasts them real time 1,2, 3 or more khz from the input freq. Last time I had called for FCC and Mexican DF stations to have a look, it was from the interior of Mexico. I would assume it is still. Sure puts a raucous signal on the band, and it usually severely overmodulated on the output!!!

And the FDM rtty station is still making appearances about 7039 or 7040 but not on a continuous basis and is both our evening and early morning hours.

--

"Politicians are like nappies. Both should be changed regularly -- and for the same reason"

"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, 00TC#3618, SOWP#1064M SOC#78 fp #111

NCT2 (also w5xe@juno.com El Paso,(FAR WEST) TEXAS

-----NetZero Free Internet Access and Email-----

<http://www.netzero.net/download/index.html>

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Date: Fri, 1 Dec 2000 12:33:03 -0800

From: "Bob Tellefsen" <n6wg@earthlink.net>

To: <qrp-1@Lehigh.EDU>

Subject: [85267] Re: Antenna: Hamsticks for beam elements?

Message-ID: <000b01c05bd5\$e83dcda0\$77defc9e@oemcomputer>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Ed

I've seen a Canadian ham's site where he put up a beam, I think for 20m, using Hamsticks or equivalents for the elements. Still had a full size boom to obtain gain and pattern, etc.

You might be able to find it again by searching on the web.

73, Bob N6WG

-----  
Date: Fri, 1 Dec 2000 14:01:17 -0800  
From: "Steve McDonald" <jsm@gulfislands.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [85268] CQ Delaware and Wyoming...  
Message-ID: <001101c05be2\$3e6c5f00\$5511f4cc@jasm>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Are there any QRPers active in these two states?

Steve / VE7SL

-----  
Date: Fri, 01 Dec 2000 13:57:08 -0800  
From: "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>  
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>  
Subject: [85269] RE: Results - Measuring Power  
Message-ID: <60F1FEB31CA3D211A1B60008C7A45F43099800C7@blaze.bcsc.GOV.BC.CA>  
Content-return: allowed  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7BIT

I have no documentation on either the scope or the probe. I did check the probe again at lunch. It is a Tachtronix 1X probe with no visible means of adjustment. As for the bandwidth of the scope, I have no idea. The scope is an HP 180A, the vertical amplifier is an HP1801A that says 50MHz on it and the time base is an HP 1802A. Maybe someone who knows this equipment can tell what the bandwidth is at 7 MHz.

Doug VA7DD  
MailTo:Doug.Davies@gems3.gov.bc.ca

-----  
Date: Fri, 01 Dec 2000 17:03:27 -0500  
From: John Wagner <john@neknetwork.com>  
To: dave.g0dja@psilink.co.uk



Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [85270] Re: Unsubscribing  
Message-ID: <3A28202F.DFA5E134@neknetwork.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Folks,

Add this page to your bookmarks: <http://qrp.lehigh.edu/lists/qrp-l> - it is the official QRP-L website and has all the info you need to use the list. There are other sites dedicated to the QRP-L - they have good info about the list as well.

In other news, my K-1 just arrived, my neighbor the postman made a special double delivery to bring it by. Bless his heart!!!

73,

John, KB1ENS  
QRP-L WebMaster

"David J. Ackrill" wrote:

>  
> Hi all,  
>  
> I've forgotten how to modify my subscription, or unsubscribe. Could someone  
> kindly remind me please?  
>  
> Thanks de Dave (G0DJJA)

--

John Wagner - [john@neknetwork.com](mailto:john@neknetwork.com)  
Web page: <http://www.neknetwork.com>  
Personal Web page: <http://www.together.net/~jwag>

-----  
Date: Fri, 1 Dec 2000 22:37:01 -0000  
From: "Thom Durfee" <[wi8w@arrl.net](mailto:wi8w@arrl.net)>  
To: <[qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)>  
Subject: [85271] TS7N TS5N  
Message-ID: <005d01c05be7\$39bf8680\$b50e1f40@bignet.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

My understanding was that any contacts made before and after the contest was going to be posted on the website, but that contacts made during the contest would not be posted on the website. I think it was stated as such right on the site.

I worked TS7N twice before the contest on 40 and 30 meters CW and both appear on the website. I worked TS7N (or maybe TS5N? those guys are fast!) during the contest on 20 meters and that contact does not appear on the website.

I can understand why, given that they probably worked thousands of stations during the contest.

73

Thom Durfee WI8W  
wi8w@arrl.net  
<http://www.braarc.net>  
QRP-ARCI #4015  
QRP-L #1761  
SOC #249  
ARS #760  
FP #165

-----  
Date: Fri, 1 Dec 2000 17:30:51 -0500  
From: "Scott E. Olitsky" <solitsky@acsu.buffalo.edu>  
To: "qrp-l" <qrp-l@Lehigh.EDU>  
Subject: [85272] FT-817 Arrives  
Message-ID: <010601c05be7\$339eec00\$7ff4fea9@hppav>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

The 817 arrived today. Just getting it on the air after very briefly looking through the manual. The menu driven system does not appear to be too bad, especially compared to that of the FT-100.

I hope to work some people with it on the Spartan Sprint this Monday.

Scott  
Scott Olitsky  
AC3A  
Buffalo, NY  
FN03pa

AC3A@arrl.net

144 MHz EME  
4 x M2 9SSB  
8877 PA by antennaworks  
MHP - 145 preamp

-----  
Date: Fri, 1 Dec 2000 17:54:46 EST  
From: NA1XX@aol.com  
To: qrp-l@lehigh.edu  
Subject: [85273] QRP in 160 Meter Contest  
Message-ID: <83.3a162d2.27598636@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Folks, Top band is hopping.  
In the past 20 minutes of very casual (read sloppy) contesting, I worked 12  
stations in 8 different sections from home (Eastern Mass) out to SC and Ohio.

Rig is just my faithful QRP+ at 5 watts and my 40 meter horizontal loop with  
feeders tied together and fed as a random wire against ground.  
If you want to see how well QRP cw works on 160, tonite and tomorrow are the  
nights. The band is packed and you can work anything you hear.

72

NA1XX

Mike

North Weymouth MA

QRP-L # 1588

"When All Else Fails ... CW."

-----  
Date: Fri, 1 Dec 2000 18:28:05 EST  
From: BenNW7DX@aol.com  
To: qrp-l@lehigh.edu  
Subject: [85274] Re: Anyone worked TS5N?  
Message-ID: <56.4168f50.27598e05@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

n4bp@bc.seflin.org writes:

<< I did, however, log TI5N. If I remember correctly, he was one of those  
50WPM+ ops, so might have been easy to mistake for TS5N. >>

Bob -

You were copying correctly. In the CQWW there was a TI5N (op. k9nw). I  
found his results in the 3830 reflector archives at [contesting.com](http://contesting.com)

73,

Ben - NW7DX (W7RM in CQWW)

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End of QRP-L Digest 2023

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